

# BEST AVAILABLE COP

| Index of Claims  |                                | Application No.          | Applicant(s) |          |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
|--|--------------------------------|--------------------------|--------------|----------|---------|--|---|--------------------------------|---|------------|--|---|-------------|---|--------------|---|---|--------|---|----------|
|                           |                                | 10/701,186               | DUFFY ET AL. |          |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
|  |                                | Examiner                 | Art Unit     |          |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
|  |                                | Laura L. Stockton, Ph.D. | 1626         |          |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| <table border="1"> <tr> <td>✓</td> <td>Rejected</td> </tr> <tr> <td>=</td> <td>Allowed</td> </tr> </table> |                                | ✓                        | Rejected     | =        | Allowed | <table border="1"> <tr> <td>-</td> <td>(Through numeral)<br/>Cancelled</td> </tr> <tr> <td>+</td> <td>Restricted</td> </tr> </table> | - | (Through numeral)<br>Cancelled | + | Restricted | <table border="1"> <tr> <td>N</td> <td>Non-Elected</td> </tr> <tr> <td>I</td> <td>Interference</td> </tr> </table> | N | Non-Elected | I | Interference | <table border="1"> <tr> <td>A</td> <td>Appeal</td> </tr> <tr> <td>O</td> <td>Objected</td> </tr> </table> | A | Appeal | O | Objected |
| ✓  | Rejected                       |                          |              |          |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| =  | Allowed                        |                          |              |          |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| -  | (Through numeral)<br>Cancelled |                          |              |          |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| +  | Restricted                     |                          |              |          |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| N  | Non-Elected                    |                          |              |          |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| I  | Interference                   |                          |              |          |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| A  | Appeal                         |                          |              |          |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| O  | Objected                       |                          |              |          |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| Claim  | Date                           | Claim                    | Date         | Claim    | Date    |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| Final  |                                | Original                 |              | Final    |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| Original   |                                |                          |              | Original |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 1  | 3/9/2                          | 51                       |              | 101      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 2  | 3/8/25                         | 52                       |              | 102      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 3  | 3/8/25                         | 53                       |              | 103      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 4  | 3/8/25                         | 54                       |              | 104      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 5  | 3/8/25                         | 55                       |              | 105      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 6  | 3/8/25                         | 56                       |              | 106      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 7  | 3/8/25                         | 57                       |              | 107      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 8  | 3/8/25                         | 58                       |              | 108      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 9  | 3/8/25                         | 59                       |              | 109      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 10   | 3/8/25                         | 60                       |              | 110      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 11   | 3/8/25                         | 61                       |              | 111      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 12   | 3/8/25                         | 62                       |              | 112      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 13   | 3/8/25                         | 63                       |              | 113      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 14   | 3/8/25                         | 64                       |              | 114      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 15   | 3/8/25                         | 65                       |              | 115      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 16   | 3/8/25                         | 66                       |              | 116      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 17   | 3/8/25                         | 67                       |              | 117      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 18   | 3/8/25                         | 68                       |              | 118      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 19   | 3/8/25                         | 69                       |              | 119      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 20   | 3/8/25                         | 70                       |              | 120      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 21   | 3/8/25                         | 71                       |              | 121      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 22   | 3/8/25                         | 72                       |              | 122      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 23   | 3/8/25                         | 73                       |              | 123      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 24   | 3/8/25                         | 74                       |              | 124      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 25   | 3/8/25                         | 75                       |              | 125      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 26   | 3/8/25                         | 76                       |              | 126      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 27   | 3/8/25                         | 77                       |              | 127      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 28   | 3/8/25                         | 78                       |              | 128      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 29   | 3/8/25                         | 79                       |              | 129      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 30   | 3/8/25                         | 80                       |              | 130      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 31   | 3/8/25                         | 81                       |              | 131      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 32   | 3/8/25                         | 82                       |              | 132      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 33   | 3/8/25                         | 83                       |              | 133      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 34   | 3/8/25                         | 84                       |              | 134      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 35   | 3/8/25                         | 85                       |              | 135      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 36   | 3/8/25                         | 86                       |              | 136      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 37   | 3/8/25                         | 87                       |              | 137      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 38   | 3/8/25                         | 88                       |              | 138      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 39   | 3/8/25                         | 89                       |              | 139      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 40   | 3/8/25                         | 90                       |              | 140      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 41   | 3/8/25                         | 91                       |              | 141      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 42   | 3/8/25                         | 92                       |              | 142      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 43   | 3/8/25                         | 93                       |              | 143      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 44   | 3/8/25                         | 94                       |              | 144      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 45   | 3/8/25                         | 95                       |              | 145      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 46   | 3/8/25                         | 96                       |              | 146      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 47   | 3/8/25                         | 97                       |              | 147      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 48   | 3/8/25                         | 98                       |              | 148      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 49   | 3/8/25                         | 99                       |              | 149      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |
| 50   | 3/8/25                         | 100                      |              | 150      |         |  |   |                                |   |            |  |   |             |   |              |   |   |        |   |          |